



EXPRESS MAIL MAILING LABEL EL 815829201US

Docket No. 009-26-004

PATENT
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Christensen, J. et al

Serial No. 09/670,735

Examiner: Sirmons, K.C.

Filed: September 27, 2000

Art Unit: 3763

Title: INFUSION PUMP WITH PRESSURE REGULATOR

BOX FEE (AMENDMENT)

Assistant Commissioner for Patents

Washington, D. C. 20231

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DEC - 4 2002

TECHNOLOGY CENTER R3700

AMENDMENT

Sir:

IN THE SPECIFICATION

Please amend page 6, first paragraph to read as follows:

A1
Fluid from the outflow chamber 30 is infused into the patient through a flow restrictor 60 and catheter 70 which are attached to the top 12 of the infusion pump 10 and control the flow rate of the fluid.

Please amend page 8, first paragraph to read as follows:

A2
The flow rate of a fluid through a flow restricting device is dependent on the pressure drop across the flow restricting device. By maintaining a constant pressure in the outflow chamber of the pump, the amount of drug administered to the patient will be constant. As shown in the embodiment of Fig. 2, a catheter assembly 170, including a flow restrictor tube 160 with a needle 162 attached to the end of the catheter using a cyanoacrylate adhesive filler material, is utilized. The flow rate of the flow restrictor tube 170 had been measured and calibrated using flowing water at 6.0 psi. The actual flow rate was then determined, and the length of restrictor tube was cut to obtained the desired flow rate. After the flow restrictor tubing had been trimmed, a polyurethane catheter was placed over the flow restrictor tube and sealed to the needle using cyanoacrylate adhesive to form the catheter assembly 170. While particular types of flow restrictors are described, it will be appreciated that other styles